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9 December 1958

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Attention:

Subject:

Enclosure: (1) One (1) copy [redacted] Terms & Conditions
 (2) Three (3) copies detailed cost breakdowns

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Gentlemen:

In connection with a recent request of the U. S. Government, there is forwarded herewith [redacted] cost plus fixed fee proposal in the amount of \$3,300.25, including fixed fee, for Measurements of the Characteristics of a Reflex Slot Antenna. A detailed cost breakdown of this amount is furnished as enclosure (2).

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It is understood that the Government will furnish [redacted] as Government Furnished Equipment, the antenna, associated amplifier, and the necessary accessory items. Based upon this understanding this Contractor would deliver a written report discussing the results obtained from the measurements described herein, including plots of gain measurements and measured radiation patterns in quantities of:

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one reproducible and three copies.

It is expected that the report could be delivered within forty-five days following receipt of a fully executed contract plus the Government Furnished Equipment.

This proposal is predicated upon making the following measurements on subject antenna with associated detector and amplifier connected:

1. Gain measurements, relative to an isotropic radiator, will be made at 200 megacycle intervals over the frequency range from 100 megacycles per second to 10,000 megacycles per second with the antenna perpendicular to the ground.
2. Gain measurements, relative to an isotropic radiator, will be made at 200 megacycle intervals over the frequency range from 1000 megacycles per second to 10,000 megacycles per second with the antenna at an angle of 135 degrees with respect to the ground.

This document contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, U.S.C., Sec. 793 and 794, and the transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law. CONTROL NO. 10-2

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To:

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3. Gain measurements, relative to an isotropic radiator, will be made at 200 megacycle intervals over the frequency range from 1000 megacycles per second to 10,000 megacycles per second with the antenna parallel to the ground.
4. From the gain measurements described above, it will be determined at which frequency or frequencies the response of the antenna is greatest in each of the three antenna orientations. Radiation patterns will be plotted, in both E and H planes, in each of the three antenna orientations, at the frequency or frequencies of greatest response, not to exceed four (4) frequencies for each orientation or a total of twenty-four (24) patterns.

This proposal may be considered firm for a period of ninety (90) days from the date of this letter.

In the event is awarded this particular procurement, it is essential that the terms and conditions as outlined in enclosure (1) be given serious consideration in the preparation of a contract.

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We appreciate the opportunity of submitting this proposal, and in the event any additional information is desired, please advise.

Very truly yours,

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